

Sheet 1 of 1

 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Docket No. IT20010056	Serial No. 10/431,147
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use several sheets if necessary)</small>		Applicant: Salvatore Sanna	
		Filing Date January 30, 2003	Group Art Unit 3744

U.S. PATENT DOCUMENTS

FOREIGN PATENTS

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EUROPEAN SEARCH REPORT EP 03 00 0049, DATED 09/30/03.

Examiner P. Brown/Well Date Considered 12/20/04
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Page 1 of 1

<p style="text-align: center;"> Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) </p>	<p>ATTY. DOCKET NO: 5117-00201</p>	<p>SERIAL NO: 10/629,538</p>
	<p>APPLICANT: Lockwood et al.</p>	<p>GROUP: 1614</p>
	<p>FILING DATE: July 29, 2003</p>	<p>CONF. NO.: 6864</p>

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER: John F. Walker

DATE CONSIDERED: 12/21/04

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Information Disclosure Statement--PTO 1449 (modified)



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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO: 5777-00201 APPLICANT: Lockwood et al. FILING DATE: July 29, 2003	SERIAL NO: 10/629,538 CONF. NO.: 6864 ART UNIT: 1614
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>(PW)</i>	B1	Buchwald, M. and W.P. Jencks. "Optical properties of astaxanthin solutions and aggregates." <i>Biochemistry</i> 1968, 7: 1834-843.
<i>(PW)</i>	B2	Reznikoff et al. "Quantitative and Qualitative Studies of Chemical Transformation of Cloned C3H Mouse Embryo Cells Sensitive to Postconfluence Inhibition of Cell Division." <i>Cancer Research</i> , 1973, 33:2339-2349.
<i>(PW)</i>	B3	Andrewes et al. "Animal carotenoids. 9. On the absolute configuration of astaxanthin and actinioerythrin." <i>Acta Chem. Scand.</i> 1974, B28:730-736.
<i>(PW)</i>	B4	Salares et al. "Resonance Raman spectra of lobster shell carotenoproteins and a model astaxanthin aggregate. A possible photobiological function for the yellow protein." <i>Biochemistry</i> 1977, 16:4751-4756.
<i>(PW)</i>	B5	Salares et al. "Excited state (exciton) interactions in polyene aggregates". <i>J. Raman Spectr.</i> 1977, 6: 282-288.
<i>(PW)</i>	B6	Halliwell, B. "Superoxide-dependent formation of hydroxyl radicals in the presence of iron chelates. Is it a mechanism for hydroxyl radical production in biological systems?" <i>FEBS Lett</i> 1978, 92:321-326.
<i>(PW)</i>	B7	Harada et al. "Circular dichroic power due to chiral exciton coupling between two polyacene chromophores." <i>J. Am. Chem. Soc.</i> 1978, 100:4029-4036.
<i>(PW)</i>	B8	Stuber et al. "A new synthesis of L-threo-hex-2-enano-1,4-lactone ("saccharoascorbic" acid): a method for the protection of the enediol of ascorbic acid." <i>Carb. Res.</i> 1978, 60:251-258.
<i>(PW)</i>	B9	Bock et al. "Preparation of some bromodeoxyaldonic acids." <i>Carb. Res.</i> 1979, 68:313-319.
<i>(PW)</i>	B10	Merriman and Bertram "Reversible inhibition by retinoids of 3-methylcholanthrene-induced neoplastic transformation in C3H10T1/2 cells." <i>Cancer Research</i> 1979, 39:1661-1666
<i>(PW)</i>	B11	Noack and Thomson "Conformation and optical-activity of all-trans, mono-cis, and di-cis carotenoids - temperature-dependent circular-dichroism." <i>Helv. Chim. Acta</i> 1979, 62: 1902-1921.
<i>(PW)</i>	B12	Müller et al. "Contribution to the analytical separation and the synthesis of 3-hydroxy-4-oxocarotenoids." <i>Helv. Chim. Acta</i> 1980, 63:1654-1664. German, Abstract Engl.
<i>(PW)</i>	B13	Sturzenegger et al. "Classification of the CD spectra of carotenoids." <i>Helv. Chim. Acta</i> 1980, 63:1074-1092.

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RW	B14	Bernhard et al, "Synthesis of optically-active natural carotenoids and structurally related-compounds. 9. Synthesis of (3R)-hydroxyechinenone, (3R,3'R)-adonixanthin and (3R,3'S)-adonixanthin, (3R)-adonirubin, their optical antipodes and related-compounds." <i>Helv. Chim. Acta</i> . 1981, 64:2469-2484. Summary Engl. Article German.	
RW	B15	Noack and Thomson "Temperature and concentration dependent circular-dichroism of mono-cis and di-cis isomers of (3R,3'S)-astaxanthin diacetate." <i>Helv. Chim. Acta</i> . 1981, 64: 2383-2392.	
RW	B16	Braunwald and Kloner "The stunned myocardium-prolonged post-ischemic ventricular dysfunction." <i>Circulation</i> 1982, 66:1146-1149.	
RW	B17	Harada and Nakanishi "Circular Dichroic Spectroscopy - Exciton Coupling in Organic Stereochemistry", 1983, University Science Books, Mill Valley (CA).	
RW	B18	Goodman "Mechanisms of disease: Vitamin A and retinoids in health and disease." <i>New England Journal Medicine</i> 1984, 310:1023-1031.	
RW	B19	Bertram. "Neoplastic Transformation in Cell Cultures: In Vitro/In-Vivo Correlations." <i>IARC Sci. Pub.</i> 1985, 67:77-91.	
RW	B20	Myers et al. "Enhancement of recovery of myocardial function by oxygen free radical scavengers after reversible myocardial ischemia." <i>Circulation</i> 1985, 72:915-921	
RW	B21	Ambrosio et al. "Reduction in experimental infarct size by recombinant human superoxide dismutase: insights into the pathophysiology of reperfusion injury." <i>Circulation</i> 1986, 74:1424-1433.	
RW	B22	Blaustein et al. "Influence of exogenously generated oxidant species on myocardial function." <i>American Journal of Physiology</i> 1986, 250: H595-H599.	
RW	B23	Gey, K. F. "On the antioxidant hypothesis with regard to atherosclerosis." <i>Bibliotheca Nutr. Dieta</i> 1986, 37:53-91.	
RW	B24	Bolli et al.. "The iron chelator desferrioxamine attenuates postischemic ventricular dysfunction." <i>American Journal of Physiology</i> 1986, 250:H1372-H1380.	
RW	B25	Bolli et al.. "Attenuation of dysfunction in the postischemic 'stunned' myocardium by dimethylurea." <i>Circulation</i> 1987, 76:458-468.	
RW	B26	Gross et al. "Beneficial actions of superoxide dismutase and catalase in stunned myocardium of dogs." <i>American Journal of Physiology</i> 1986, 250:H372-H377	
RW	B27	Mearse et al. "Xanthine oxidase: a critical mediator of myocardial injury during ischemia and reperfusion." <i>Acta Physiol Scand</i> 1986, 548:65-74.	
RW	B28	Such et al. "Beneficial effects of N-acetylcysteine on acute myocardial infarction in open chest dogs." <i>Arch Pharmacol Toxicol</i> 1986, 12:37-40.	

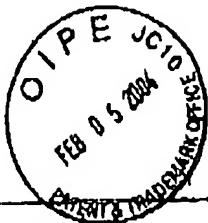
EXAMINER: H. Park Ward

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<i>PW</i>	B29	Bolli <i>et al.</i> "The iron chelator desferrioxamine attenuates postischemic ventricular dysfunction." <i>American Journal of Physiology</i> 1987, 253:H1372-H1380	
<i>PW</i>	B30	Bolli, R. "Oxygen-derived free radicals and post-ischemic myocardial dysfunction ('stunned myocardium')." <i>Journal of the American College of Cardiology</i> 1988, 12:239-249.	
<i>PW</i>	B31	Cross <i>et al.</i> "Oxygen radicals and human disease." <i>Ann. Intern. Med.</i> 1987, 107:526-545.	
<i>PW</i>	B32	Simpson <i>et al.</i> "Free radicals and myocardial ischemia and reperfusion injury." <i>J Lab Clin Med</i> 1987, 110:13-30.	
<i>PW</i>	B33	Mehita <i>et al.</i> "Neutrophils as potential participants in acute myocardial ischemia: relevance to reperfusion." <i>Journal of the American College of Cardiology</i> 1988, 11: 1309-1316.	
<i>PW</i>	B34	Liao, M.-L., Ying, X.-Y., Chung, C., Liang, Y.-T. and Sieb, P.A. 1988 "Synthesis of L-ascorbate and 6-phosphate. <i>Carb. Res.</i> 176: 73-77.	
<i>PW</i>	B35	Mcarse, D. J., and Tosaki, A. "Free radicals and calcium: simultaneous interacting triggers as determinants of vulnerability to reperfusion-arrhythmias in the rat heart". <i>Journal of Molecular and Cellular Cardiology</i> 1988, 20:213-223.	
<i>PW</i>	B36	Mashovsky, M. D. Tocopherol acetate (Tocopheroli acetas) 6-Acetoxy-2-methyl-2-(4,8,12-trimethyltridecyl)-chromane". Pages 37-38. Acvit (Acvitum). Page 41. Acetylsalicylic acid (Acidum acetylsalicilicum). Page 190. 1988, In <i>Medicinal Substances</i> , Part 2, 1988. (Russian, abstracts in English).	
<i>PW</i>	B38	Pung <i>et al.</i> "β-Carotene and canthaxanthin inhibit chemically- and physically-induced neoplastic transformation in 10T1/2 cells." <i>Carcinogenesis</i> , 1988, 9: 1533-1539.	
<i>PW</i>	B39	Bertram, <i>et al.</i> "Development of in vitro systems for chemoprevention research". <i>Prev. Med.</i> 1989, 18:562-575.	
<i>PW</i>	B40	Bolli <i>et al.</i> "Direct evidence that oxygen-derived free radicals contribute to post-ischemic myocardial dysfunction in the intact dog." <i>Proceeding of the National Academy of Sciences, U.S.A.</i> 1989, 86:4695-4699	
<i>PW</i>	B41	Opie, I. H. "Reperfusion injury and its pharmacologic modification." <i>Circulation</i> 1989, 80:1049-1092.	
<i>PW</i>	B42	Steinberg <i>et al.</i> "Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity." <i>New England Journal of Medicine</i> 1989, 320: 915.	
<i>PW</i>	B43	Terao, J. "Antioxidant activity of beta-carotene-related carotenoids in solution." <i>Lipids</i> 1989, 24: 659-661.	
<i>PW</i>	B44	In <i>Drug Facts and Comparisons</i> . 1990 Ed. Sewester, C. S., Olin, B. R., Hebel, S. K., Eds. Facts and Comparisons Division, J. B. Lippincott Co., St. Louis, MO. Pages 6, 7, 13, 14, 60, 62, 997, 998	

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Form PTO-891 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DOCKET NO: 5777-00201 APPLICANT: Lockwood et al. FILING DATE: July 29,2003	SERIAL NO: 10/629,538 CONF. NO.: 6864 ART UNIT: 1614
REU	B45	Chopra et al. "Free radical scavenging: potentially beneficial action of thiol-containing angiotensin-converting enzyme inhibitors." <i>Biochem Soc Trans</i> 1990, 18:1184-1185.	
PW	B46	Davies et al. "Lipid peroxidation associated with successful thrombolyis." <i>Lancet</i> 1990, 335:741-743.	
RW	B48	Di Mascio et al. "Carotenoids, tocopherols, and thiols and biological singlet molecular oxygen quenchers." <i>Biochem Soc Trans</i> 1990, 18: 1054-1056.	
RW	H49	Fedan, J. S. 1990 "Anticoagulant, antiplatelet, and fibrinolytic (thrombolytic) drugs." In <i>Modern Pharmacology</i> , Third Ed, Little, Brown and Co., Boston, MA.	
PW	B50	Johansson et al. "Recombinant human extracellular superoxide dismutase reduces concentration of oxygen free radicals in the reperfused rat heart." <i>Cardiovascular Research</i> 1990, 24:500-503.	
PW	B51	Kurashige et al. "Inhibition of oxidative injury of biological membranes by astaxanthin." <i>Physiol Chem Phys & Med NMR</i> 1990, 22:27-38.	
PW	B52	Rogers et al. "Retinoid-enhanced gap junctional communication is achieved by increased levels of connexin 43 mRNA and protein" <i>Molecular Carcinogenesis</i> 1990, 3: 335-343.	
REU	B53	Shuter et al. "Studies on the effects of antioxidants and inhibitors of radical generation on free radical production in the reperfused rat heart using electron spin resonance spectroscopy." <i>Free Radical Research Communications</i> 1990, 9: 223-232.	
PW	B54	Williams et al. "The relationship between neutrophils and increased microvascular permeability in a model of myocardial ischemia and reperfusion in the rabbit." <i>British Journal of Pharmacology</i> , 1990, 100: 729-734.	
REU	B55	Bertram et al. "Diverse carotenoids protect against chemically induced neoplastic transformation." <i>Carcinogenesis</i> , 1991, 12: 671-678.	
PW	B56	Di Mascio et al. "Antioxidant defense systems: the role of carotenoids, tocopherols, and thiols." <i>Am J Clin Nutr</i> 1991, 53: 194S-200S.	
PW	B57	Axford Gatley and Wilson "Reduction of experimental myocardial infarct size by oral administration of alpha-tocopherol." <i>Cardiovascular Research</i> , 1991, 25: 89-92.	
RW	B58	Conorev et al. "Improvement of contractile recovery of isolated rat heart after cardioplegic ischemic arrest with endogenous phosphocreatine: involvement of antiperoxidative effect?" <i>Cardiovascular Research</i> 1991, 25: 164-171.	
REU	B59	Esterbauer et al. "Effect of antioxidants on oxidative modification of LDL." <i>Ann Med</i> 1991, 23(5): 573-581.	
PW	B60	McMurray and Chopra "Influence of ACE inhibitors on free radicals and reperfusion injury: pharmacological curiosity or therapeutic hope?" <i>British Journal of Pharmacology</i> 1991, 31: 373-379.	
RW	B61	Peltz et al. "Effect of a cardioselective alpha-tocopherol analogue on reperfusion injury in rats induced by myocardial ischemia." <i>European Journal of Pharmacology</i> 1991, 192: 383-388.	
PW	B62	Miki, W. "Biological functions and activities of animal carotenoids." <i>Pure Appl Chem</i> 1991, 63(1): 141-146.	

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	B63	Welbourn et al. "Pathophysiology of ischemia reperfusion injury: central role of the neutrophil." <i>British Journal of Surgery</i> 1991, 78: 651-655.	
	B64	Gabrielson et al. "Measurement of neutrophil activation and epidermal cell toxicity by palytoxin and 12-O-tetradecanoylphorbol-13-acetate." <i>Carcinogenesis</i> 1992, 13: 1671-1674.	
	B65	Hearse and Bolli. "Reperfusion induced injury: manifestations, mechanisms, and clinical relevance." <i>Cardiovascular Research</i> 1992, 26: 101-108.	
	B67	Kimura et al. "Moderation of myocardial ischemia reperfusion injury by calcium channel and calmodulin receptor inhibition." <i>Heart Vessels</i> 1992, 7: 189-195.	
	B68	Lim et al. "Antioxidant activity of xanthophylls on peroxyl radical-mediated phospholipid peroxidation." <i>Biochim. Biophys. Acta</i> 1992, 1126: 178-184.	
	B69	Palozza, P. and Krinsky, N. I. "Astaxanthin and canthaxanthin are potent antioxidants in a membrane model." <i>Arch. Biochem. Biophys.</i> 1992, 297: 291-295	
	B70	Zhang et al. "Carotenoids up-regulate connexin 43 gene expression independent of their pro-vitamin A or antioxidant properties." <i>Cancer Res.</i> , 1992, 52: 5707-5712.	
	B71	Ames et al. "Oxidants, antioxidants, and the degenerative diseases of aging." <i>Proceeding of the National Academy of Sciences, U.S.A.</i> 1993, 90: 7915-7922.	
	B72	Baxter, G. F., and Yellon, D. M. "Attenuation of reperfusion-induced ventricular fibrillation in the rat isolated hypertrophied heart by preischemic diltiazem treatment." <i>Cardiovasc Drugs Ther</i> (1993). 7: 225-231.	
	B73	Clevidence, B. A., and Bieri, J. G. "Association of carotenoids with human plasma lipoproteins." <i>Methods in Enzymology</i> (1993) 214: 33-46.	
	B74	Grech et al. "Free-radical generation during angioplasty reperfusion for acute myocardial infarction." <i>Lancet</i> (1993). 341: 990-991.	
	B75	Grech et al. "Differential free-radical activity after successful and unsuccessful thrombolytic reperfusion in acute myocardial infarction." <i>Coron. Artery Dis.</i> (1993). 4(9): 769-74.	
	B76	Hossain et al. "Retinoids and carotenoids upregulate gap junctional communication: correlation with enhanced growth control and cancer prevention." In <i>Progress in Cell Research Vol. 3: Gap Junctions</i> . (1993) Elsevier, Amsterdam, pp 301-309.	
	B77	Jimenez, C., and Pick, U. "Differential reactivity of beta-carotene isomers from <i>Dunaliella bardawil</i> toward oxygen radicals." <i>Plant Physiol</i> (1993). 101: 385-390	
	B78	Oshima et al. "Inhibitory effect of beta-carotene and astaxanthin on photosensitized oxidation of phospholipid bilayers." <i>J Nutrit Sci Vitaminol</i> (1993). 39: 607-615.	
	B79	Bertram, J.S. and Zhang, L.-X. Assays for the regulation of gap junctional communication and connexin expression by carotenoids. (1994) <i>Methods Enzymol.</i> 234: 235-244.	

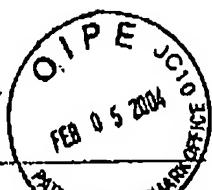
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<i>RW</i>	B80	MacIsaac et al. "Toward the quiescent coronary plaque." <i>Journal of the American College of Cardiology</i> (1993) 22:1228-1241.	
<i>RW</i>	B81	Oliveros et al. Quenching of singlet oxygen by carotenoid derivatives: kinetic analysis by near-infrared luminescence <i>New J. Chem.</i> (1994) 18:535-539.	
<i>RW</i>	B82	Singh et al. "Plasma levels of antioxidant vitamins and oxidative stress in patients with acute myocardial infarction." <i>Acta Cardiologica</i> (1994) Vol. XLIX 5: 441-452.	
<i>RW</i>	B83	Tinkler et al. "Dietary carotenoids protect human cells from damage." <i>Journal of Photochemistry and Photobiology</i> . (1994) 26: 283-285.	
<i>RW</i>	B84	Britton, G. "Structure and properties of carotenoids in relation to function." <i>The FASEB Journal</i> , (1995) 9: 1551-1558.	
<i>RW</i>	B85	Leist et al. "Tumor necrosis factor-induced hepatocyte apoptosis precedes liver failure in experimental murine shock models." <i>American Journal of Pathology</i> (1995) 146: 1220-1234.	
<i>RW</i>	B86	Navab et al. "Pathogenesis of atherosclerosis." <i>American Journal of Cardiology</i> (1995) 76(9): 18C-23C.	
<i>RW</i>	B87	Peters, N. S. "Myocardial gap junction organization in ischemia and infarction." <i>Microsc. Res. Tech.</i> (1995) 31, 375-386.	
<i>RW</i>	B88	Singh et al. "Plasma levels of antioxidant vitamins and oxidative stress in patients with acute myocardial infarction." <i>Acta Cardiologica</i> (1994). Vol. XLIX 5: 441-452.	
<i>RW</i>	B89	Singh et al. "Effect of antioxidant-rich foods on plasma ascorbic acid, cardiac enzymes, and lipid peroxide levels in patients hospitalized with acute myocardial infarction." <i>J Am Diet Assoc</i> (1995). 95: 775-780.	
<i>RW</i>	B90	Torrisen, O. J., and Christiansen, R. "Requirements for carotenoids in fish diets." <i>J Appl Ichthyol</i> (1995). 11: 225-230.	
<i>RW</i>	B91	Aviram, M. "Interaction of oxidized low density lipoprotein with macrophages in atherosclerosis, and the antiatherogenicity of antioxidants." <i>Eur J Clin Chem Clin Biochem</i> (1996). 34(8): 599-608.	
<i>RW</i>	B92	Ben-Amotz, A., and Levy, Y. "Bioavailability of a natural isomer mixture compared with synthetic all-trans beta-carotene in human serum." <i>Am J Clin Nutr</i> (1996). 63: 729-734.	
<i>RW</i>	B93	Mayne, S. "Beta-carotene, carotenoids, and disease prevention in humans." <i>The FASEB Journal</i> (1996). 10: 690-701.	
<i>RW</i>	B94	Moore, A.S., and Papas, A. M. "Biochemistry and health significance of Vitamin E." <i>J. Adv. Med.</i> (1996). 9 11-29.	
<i>RW</i>	B95A	Parker, R. S. Absorption, metabolism, and transport of carotenoids. <i>The FASEB Journal</i> (1996) 10: 542-551.	

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Y2W	B95	Peters, T. "Ligand binding by albumin." In <i>All About Albumin</i> , Academic Press, San Diego (CA), 1996. Pages 76-128.	
RW	B96	Schaer et al. "Beneficial effects of RheothRx injection in patients receiving thrombolytic therapy for acute myocardial infarction. Results of a randomized, double-blind, placebo-controlled trial." <i>Circulation</i> (1996) 94(3): 298-307	
WW	B97	Shimidzu et al. "Carotenoids as singlet oxygen quenchers in marine organisms." <i>Fisheries Science</i> (1996), 62(1): 134-137.	
WW	B98	Serrano et al. "Superoxide and hydrogen peroxide induce CD18-mediated adhesion in the postischemic heart." <i>Biochim. Biophys. Acta</i> (1996), 1316: 191-202.	
WW	B99	Singh et al. "Usefulness of antioxidant vitamins in suspected acute myocardial infarction (the Indian experiment of infarct survival-3)." <i>Am J Cardiol</i> (1996), 77: 232-236.	
WW	B100	Stephens et al. "Randomised controlled trial of vitamin E in patients with coronary disease: Cambridge Heart Antioxidant Study (CHAOS)." <i>Lancet</i> (1996), 347(9004): 781-6	
WW	B101	Goulinet, S., and Chapman, M. J. "Plasma LDL and HDL subspecies are heterogeneous in particle content of tocopherols and oxygenated and hydrocarbon carotenoids: relevance to oxidative resistance and atherosclerosis." <i>Arterioscler Thromb Vasc Biol</i> (1997), 17: 786-796.	
WW	B102	Kim et al. "Zeaxanthin dipalmitate from <i>Lycium chinense</i> has hepatoprotective activity." <i>Res. Comm. Mol. Path. Pharm.</i> (1997), 97: 301-314.	
WW	B103	Maxwell and Lip "Reperfusion injury: a review of the pathophysiology, clinical manifestations and therapeutic options." <i>Int J Cardiol</i> (1997), 58: 95-117	
WW	B104	Mortensen et al. "Comparative mechanisms and rates of free radical scavenging by carotenoid antioxidants." <i>FEBS Lett.</i> (1997) 418: 91-97.	
WW	B105	Oshima et al. "Accumulation and clearance of capsanthin in blood plasma after the ingestion of paprika juice in men." <i>J Nutr</i> (1997), 127: 1475-1479.	
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WW	B109	Kaprielian et al. "Downregulation of immunodetectable connexin 43 and decreased gap junction size in the pathogenesis of chronic hibernation in the human left ventricle." <i>Circulation</i> (1998), 97: 651-60.	
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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DOCKET NO: 5777-00201 APPLICANT: Lockwood et al. FILING DATE: July 29, 2003	SERIAL NO: 10/629,538 CONF. NO.: 6864 ART UNIT: 1614
W	B111	Sacz et al. "Regulation of gap junctions by protein phosphorylation." <i>Braz.J.Med.Biol.Res.</i> , (1998) 31, 593-600.	
W	B112	Saffitz, J. E., and Yamada, K. A. "Do alterations in intercellular coupling play a role in cardiac contractile dysfunction?" <i>Circulation</i> (1998). 97: 630-632.	
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Form P-15 (10-01-01) (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DOCKET NO: 5777-00201 APPLICANT: Lockwood et al. FILING DATE: July 29,2003	SERIAL NO: 10/629,538 CONF. NO.: 6864 ART UNIT: 1614
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PW	B150	Upritchard et al. "Effect of supplementation with tomato juice, vitamin E, and vitamin C on LDL oxidation and products of inflammatory activity in type 2 diabetes." <i>Diabetes Care</i> (2000). 23(6): 733-738.	
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PW	B152	Di Napoli et al. "C-reactive protein in ischemic stroke: an independent prognostic factor." <i>Stroke</i> (2001). 32(4): 917-24.	
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PW	B154	Goto et al. "Efficient radical trapping at the surface and inside the phospholipids membrane is responsible for highly potent antiperoxidative activity of the carotenoid astaxanthin." <i>Biochimica et Biophysica Acta</i> (2001). 1512: 251-258.	
PW	B155	Jialal et al. "Is there a vitamin E paradox?" <i>Current Opinions in Lipidology</i> (2001). 12: 49-53.	
PW	B156	Kang et al. "Effect of astaxanthin on the hepatotoxicity, lipid peroxidation and antioxidative enzymes in the liver of CCl ₄ -treated rats." <i>Methods Find Exp Clin Pharmacol.</i> (2001). 23(2): 79-84.	
PW	B157	Petitpas et al. "Crystal structures of human serum albumin complexed with monounsaturated and polyunsaturated fatty acids." <i>The Journal of Molecular Biology</i> (2001). 314: 955-960.	
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<i>PW</i>	B167	Kistler et al. "Metabolism and CYP-inducer properties of astaxanthin in man and primary human hepatocytes." <i>Arch. Toxicol.</i> (2002) 75: 665-675.	
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U.S. PATENT DOCUMENTS

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EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
MR	A10	WO 02/068385	9/6/2002	PCT			N/A
MR	A11	WO 03/066583	14-08-2003	PCT			N/A
MR	A12	WO 98/29111	7/9/1998	PCT			N/A
PW	A13	JP 2001114673	4/24/2001	JP			Abstract
KW	A14	JP 08073312	3/19/1996	JP			Abstract
EW	A15	JP 08337592	12/24/1996	JP			Abstract
ZW	A16	JP 09084591	03/31/1997	JP			Abstract
EW	A17	JP 10327865	12/15/1998	JP			Abstract
EW	A18	JP 09202730	08/05/1997	JP			Abstract

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

(RL)	B170	Rao and Agarwal "Bioavailability and in vivo antioxidant properties of lycopene from tomato products and their possible role in the prevention of cancer." <i>Nutrition and Cancer</i> 1998, Vol. 31, pp 199-203				
(RL)	B171	Kim et al. "Electronic absorption and Raman studies of the radical anion and dianion of a polyene molecule (19,19',20,20'-tetrnor-b,b-carotene)." <i>Chemical Physical Letters</i> 1997, Vol. 276, pp 418-422.				
(RL)	B172	Duhamel et al., "Terminally substituted linear conjugated polyenes: precursors of molecular wires." <i>Tetrahedron Letters</i> 1993, Vol. 34, pp 7399-7400.				
(RL)	B173	Xu et al. "TXA2-PGI2 balance disorder in rat brain with incomplete cerebral ischemia and reperfusion, and the correction of this imbalance by carthamic xanthophyll." <i>Jinan Daxue Xuebao, Ziran Kexue Yu Yixueban</i> , 1993, Vol. 14, pp 34-38 (Abstract only)				
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